

FIG 2

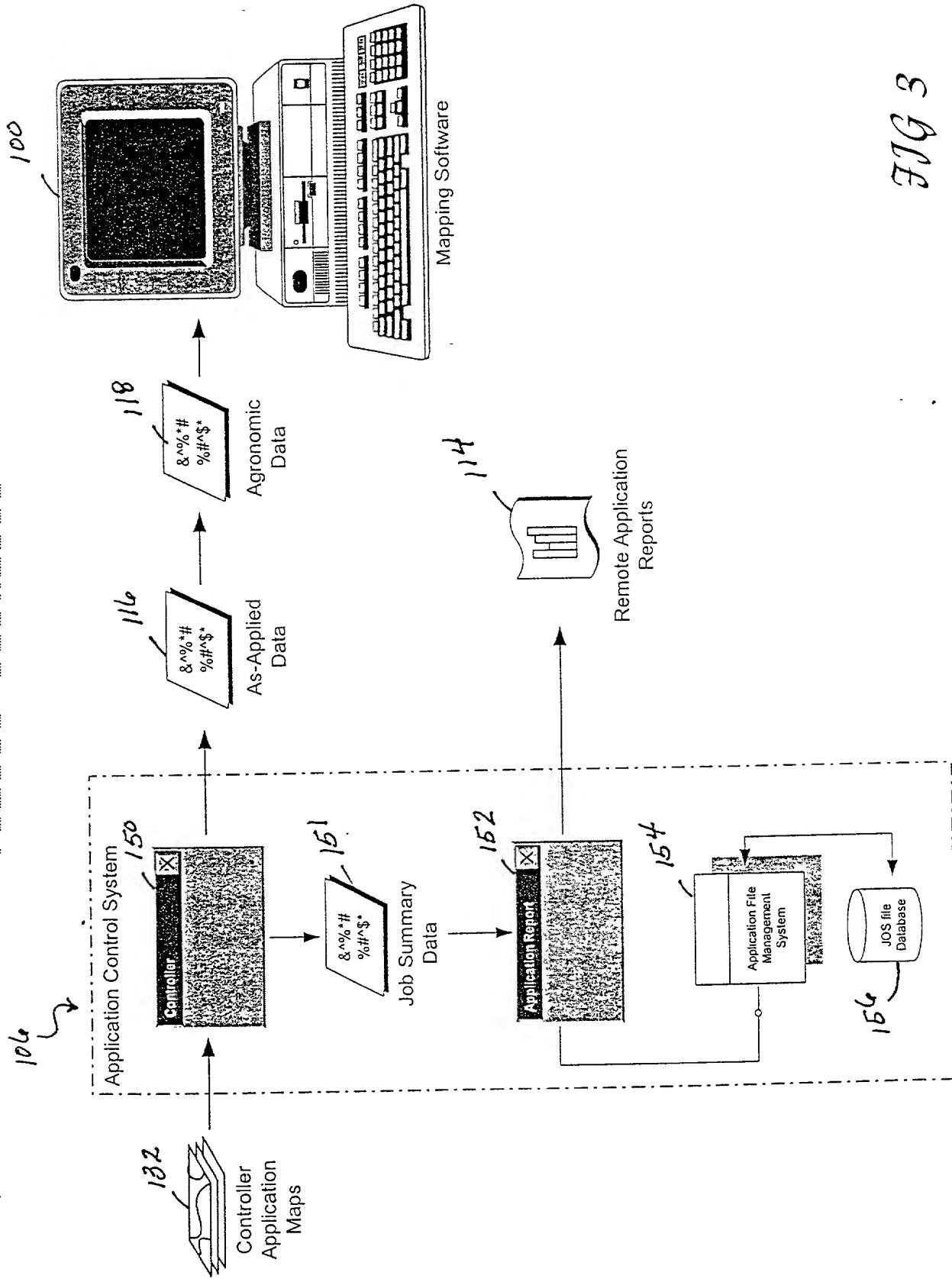


FIG 3

FIG. 4

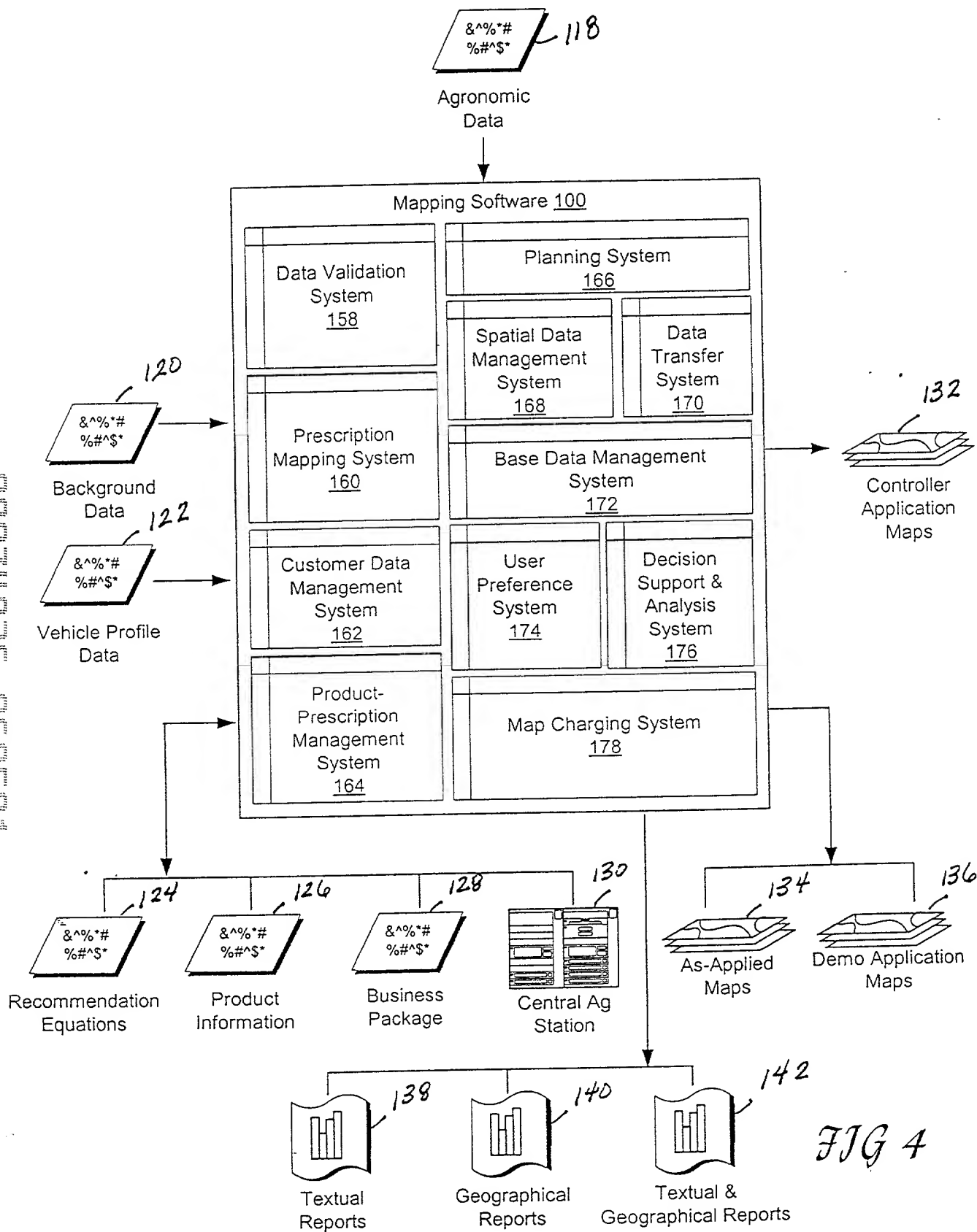


FIG 4

FIG 5

105090" 96542860

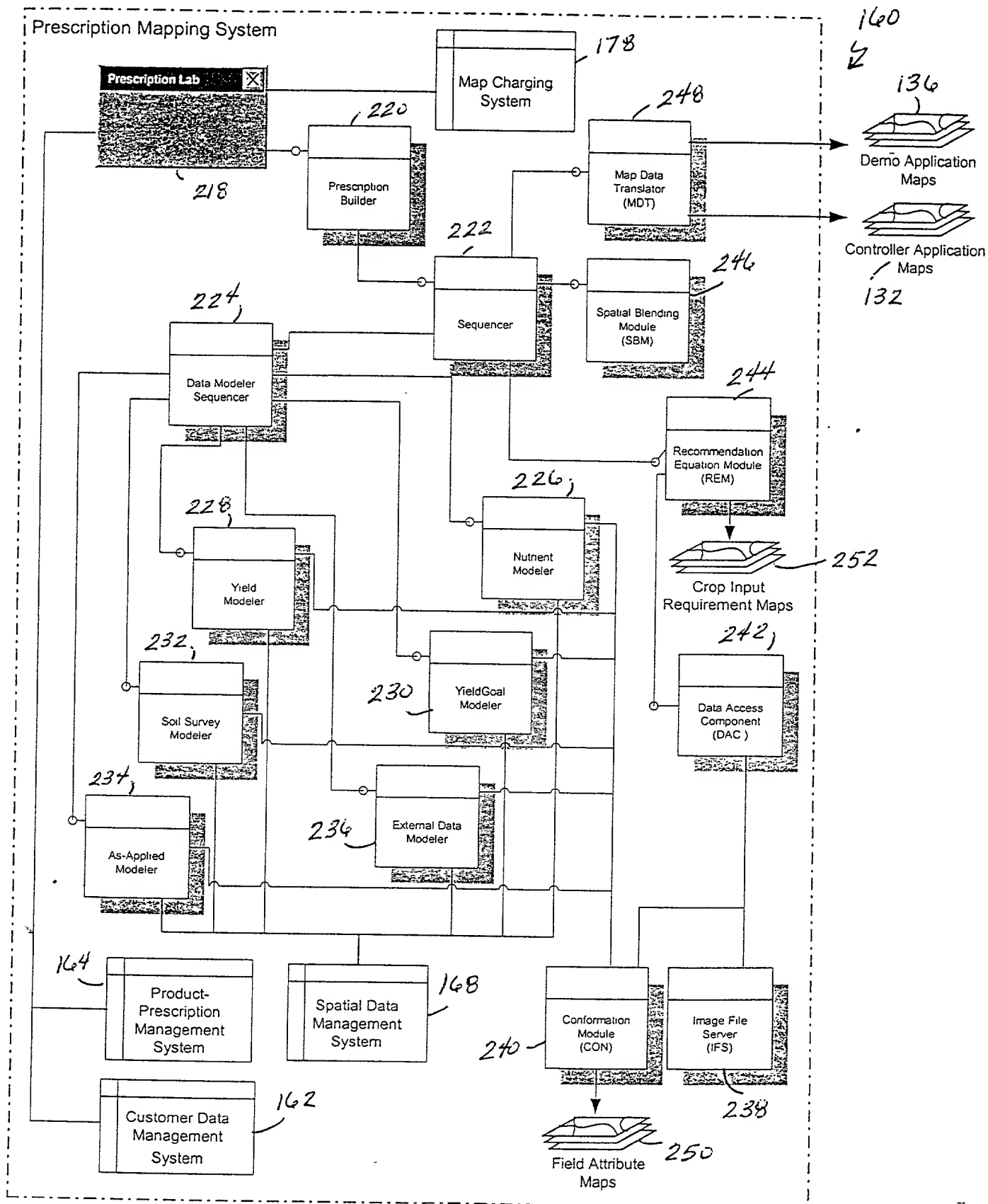


FIG 6

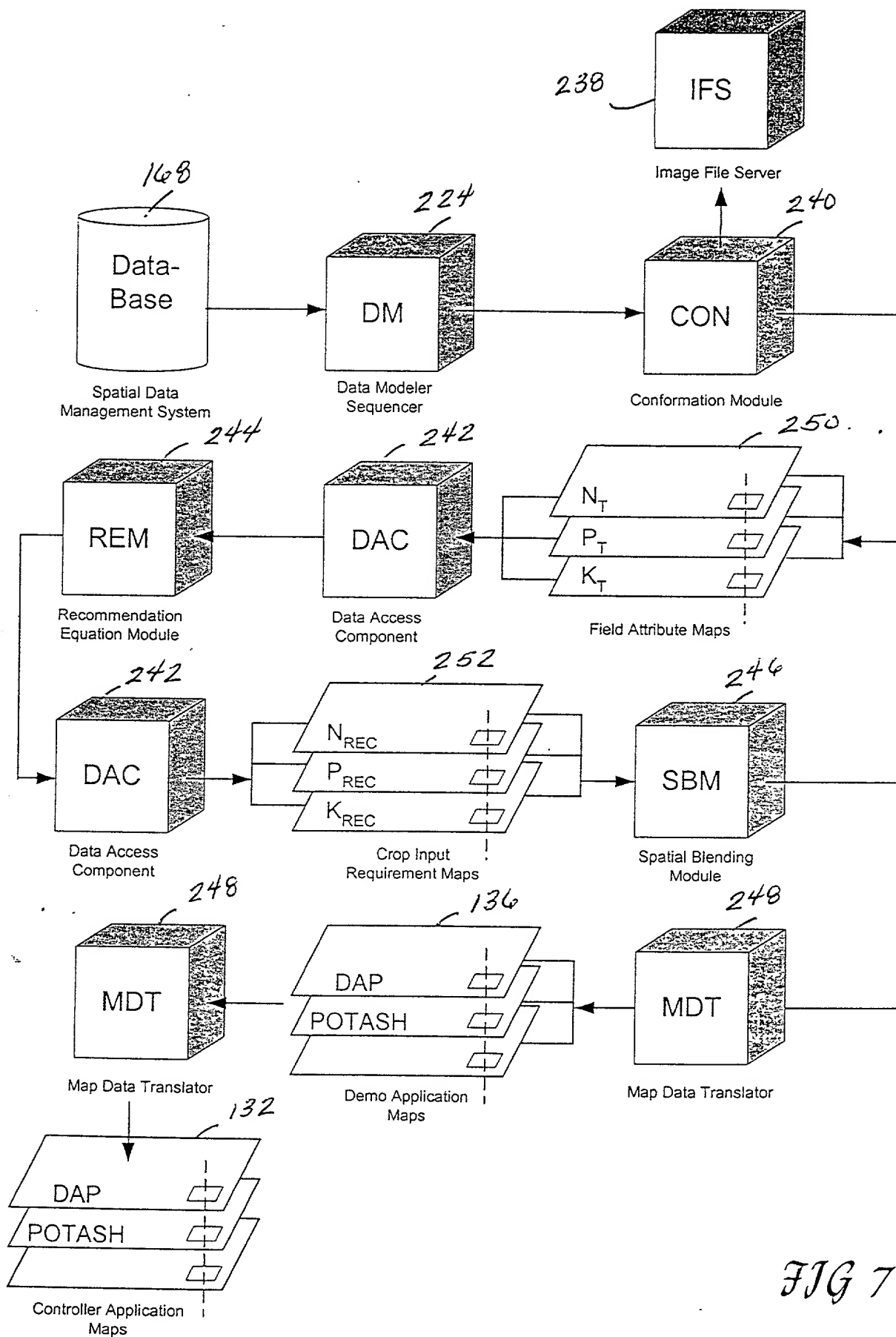


FIG 7

09874936-060504

162

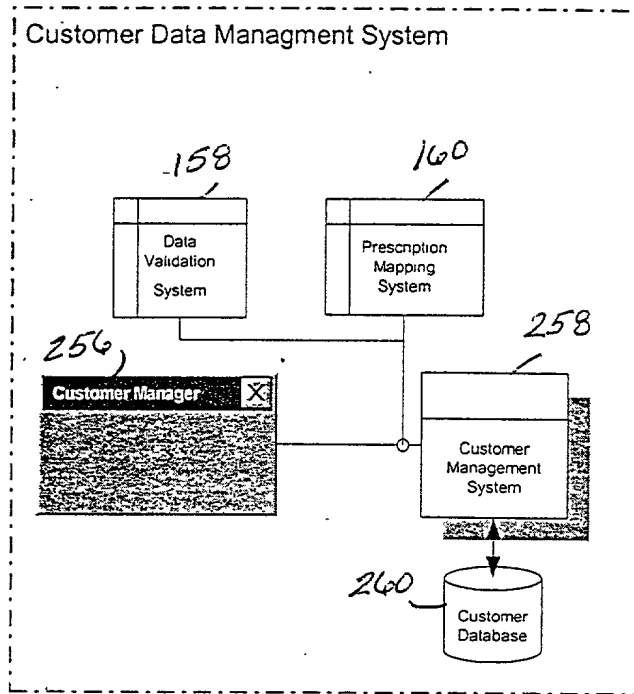


FIG 8

164

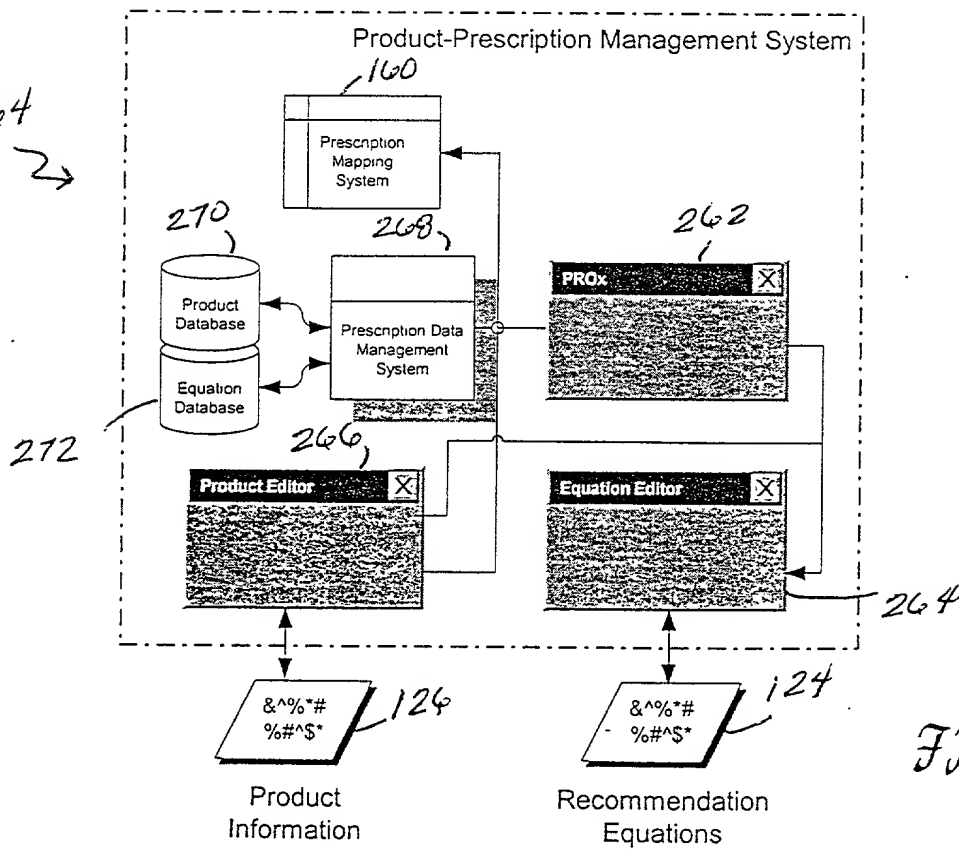


FIG 9

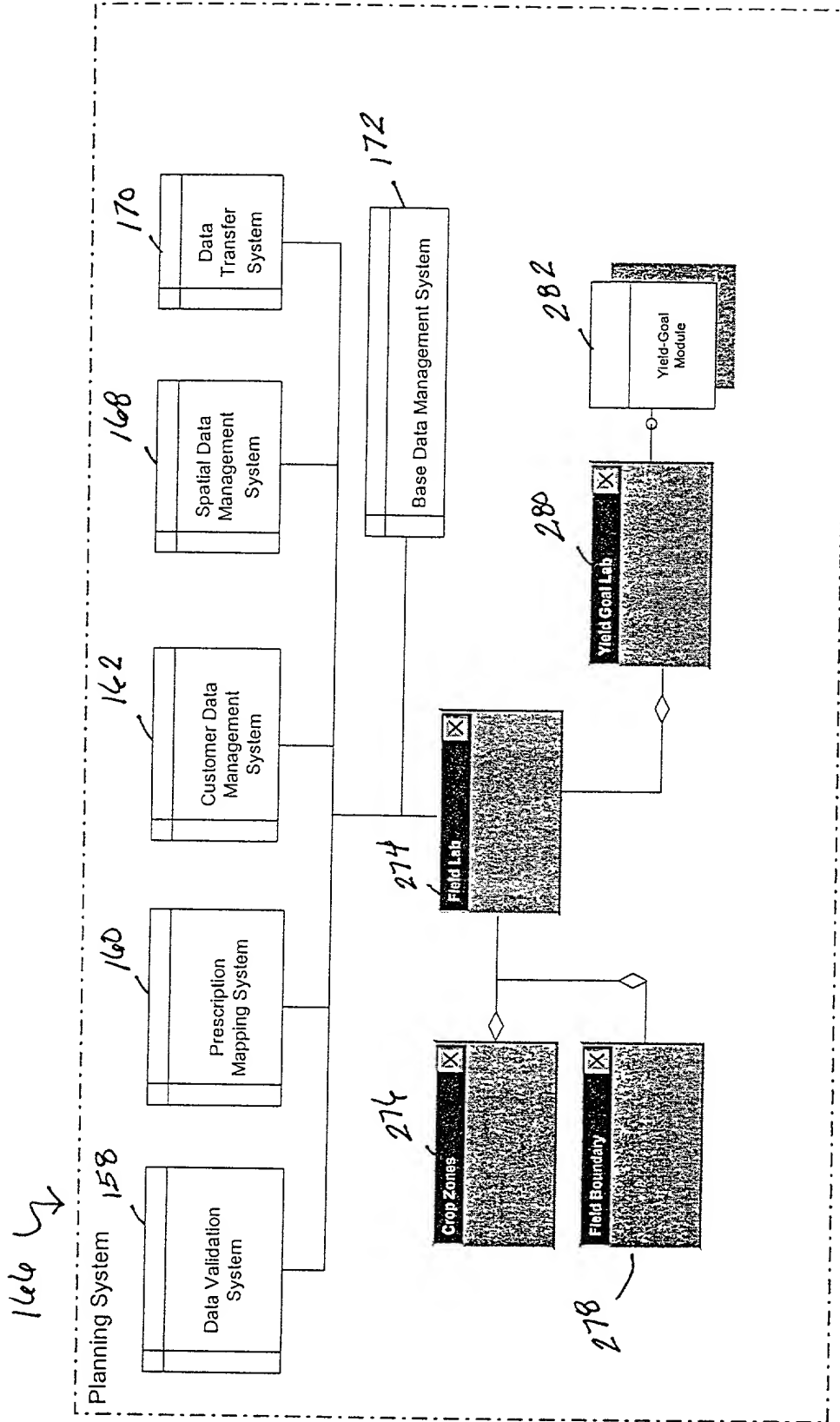


FIG 10

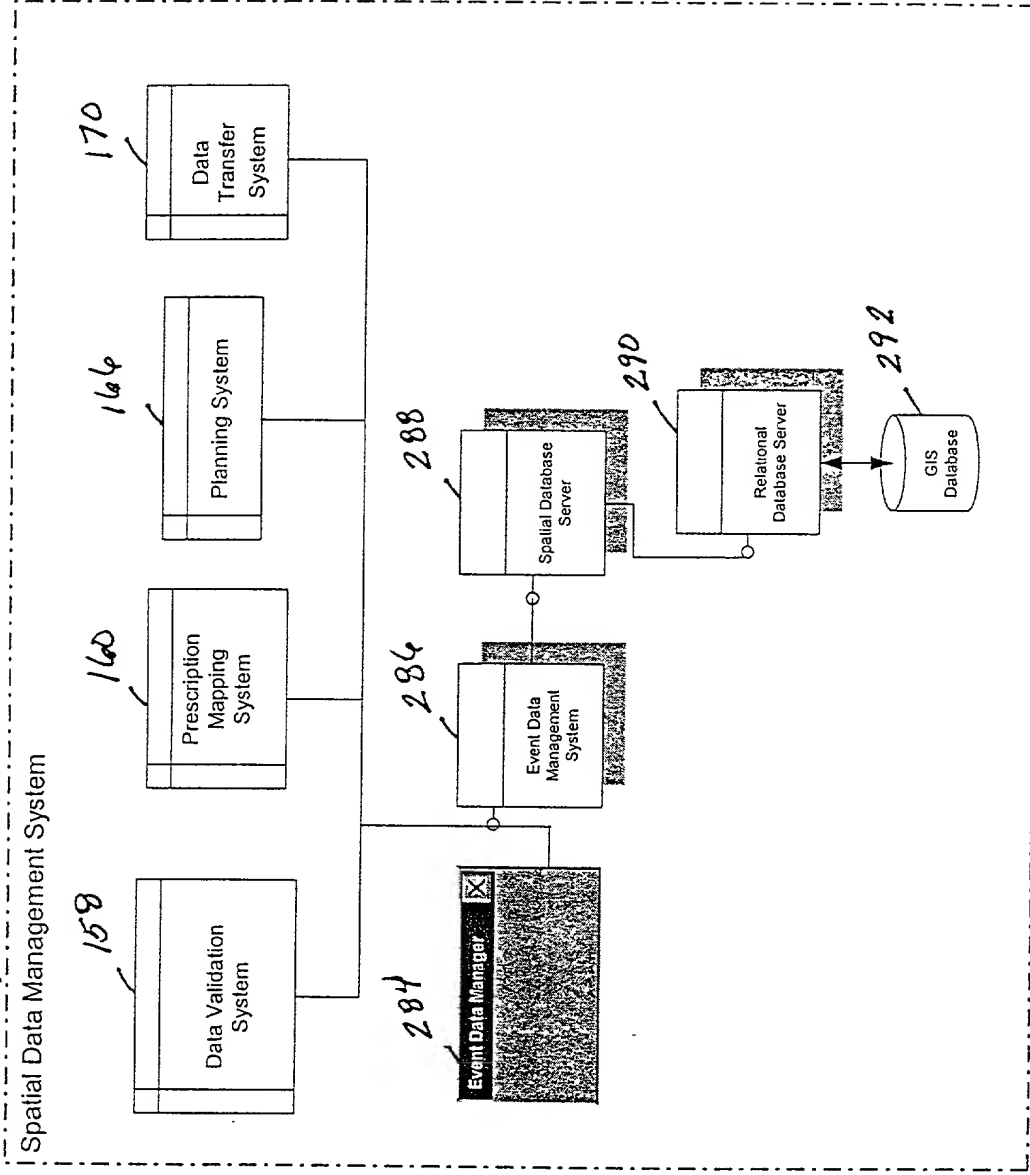


FIG 11

09874936-050501

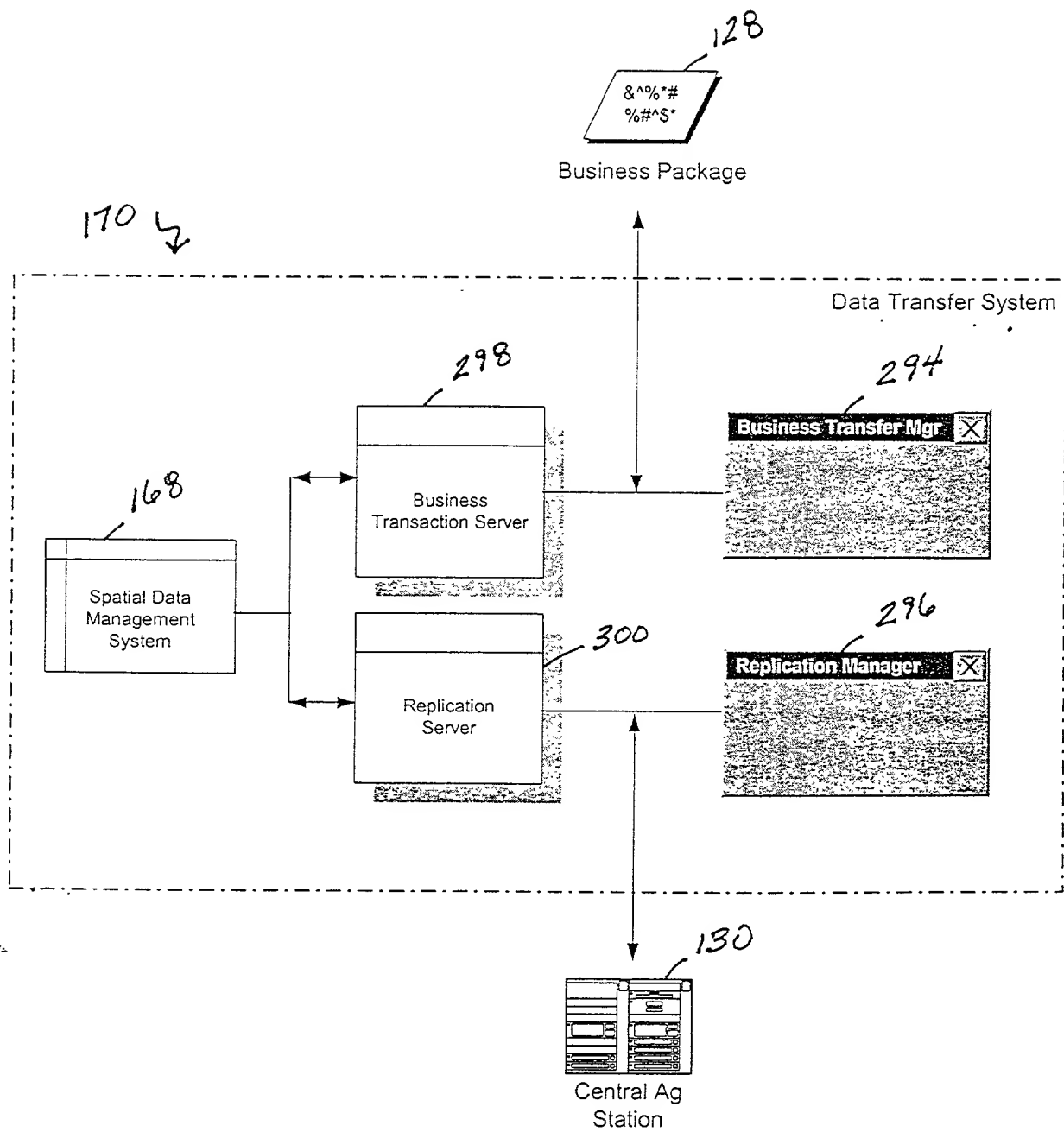


FIG 12

09874361 065090 9E642860

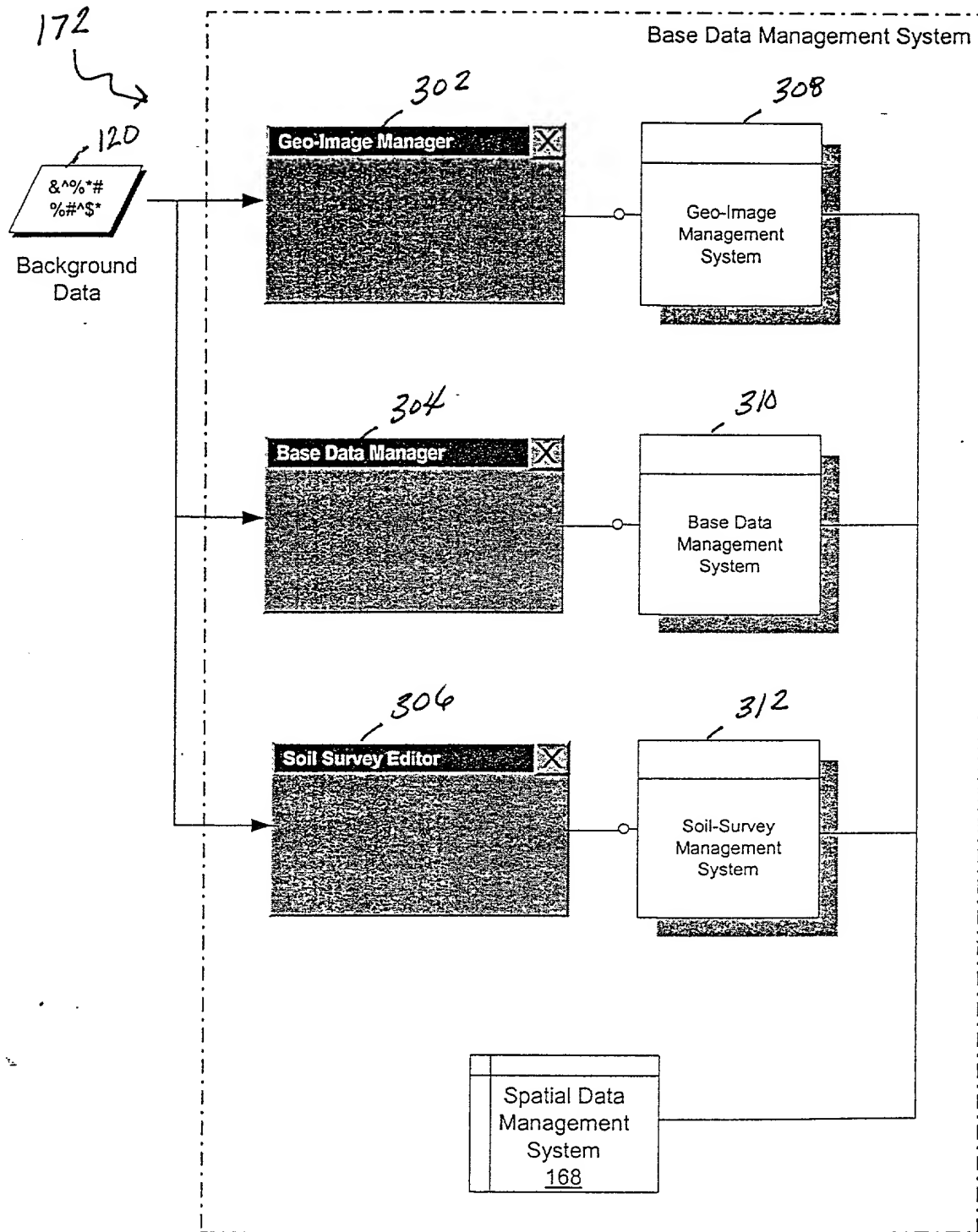


FIG 13

0987493E-060501

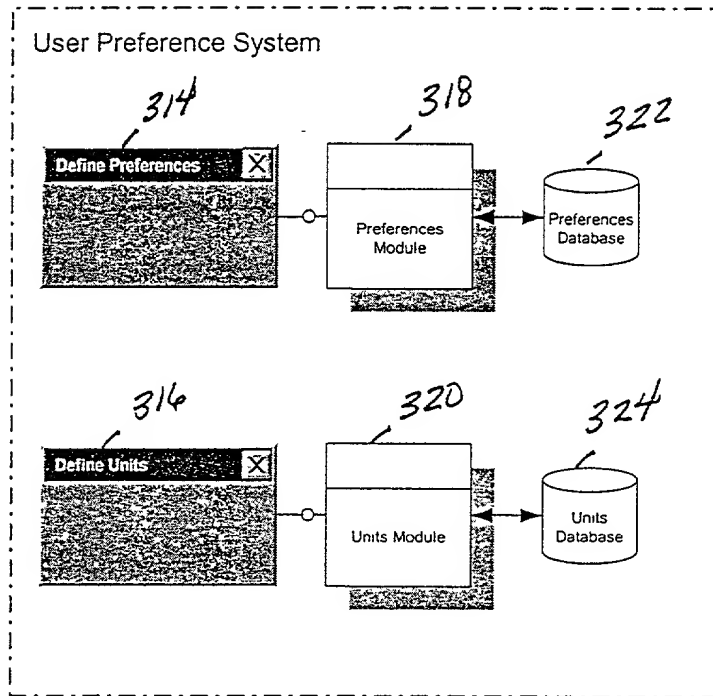


FIG 14

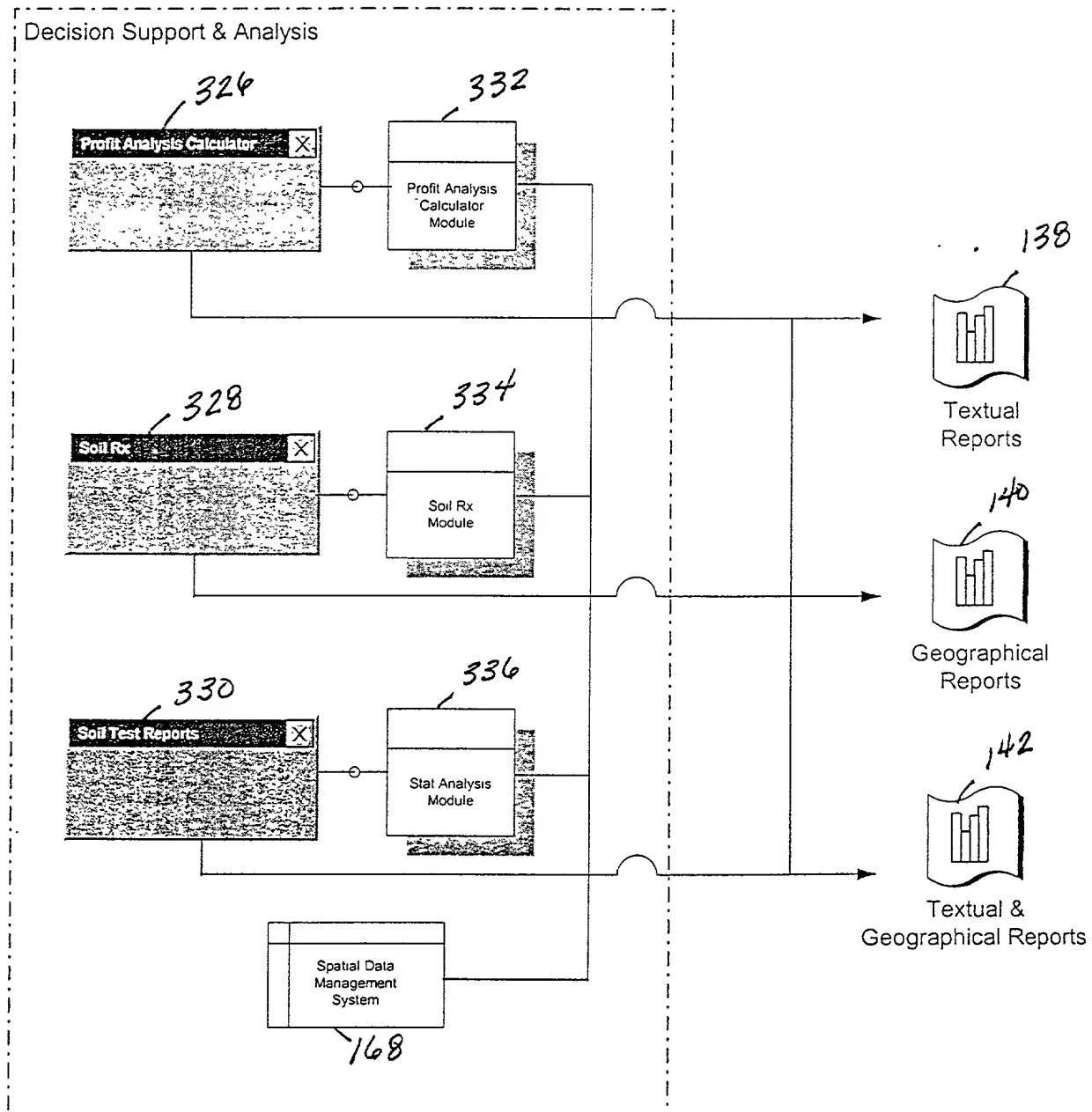


FIG 15

105090-964/860

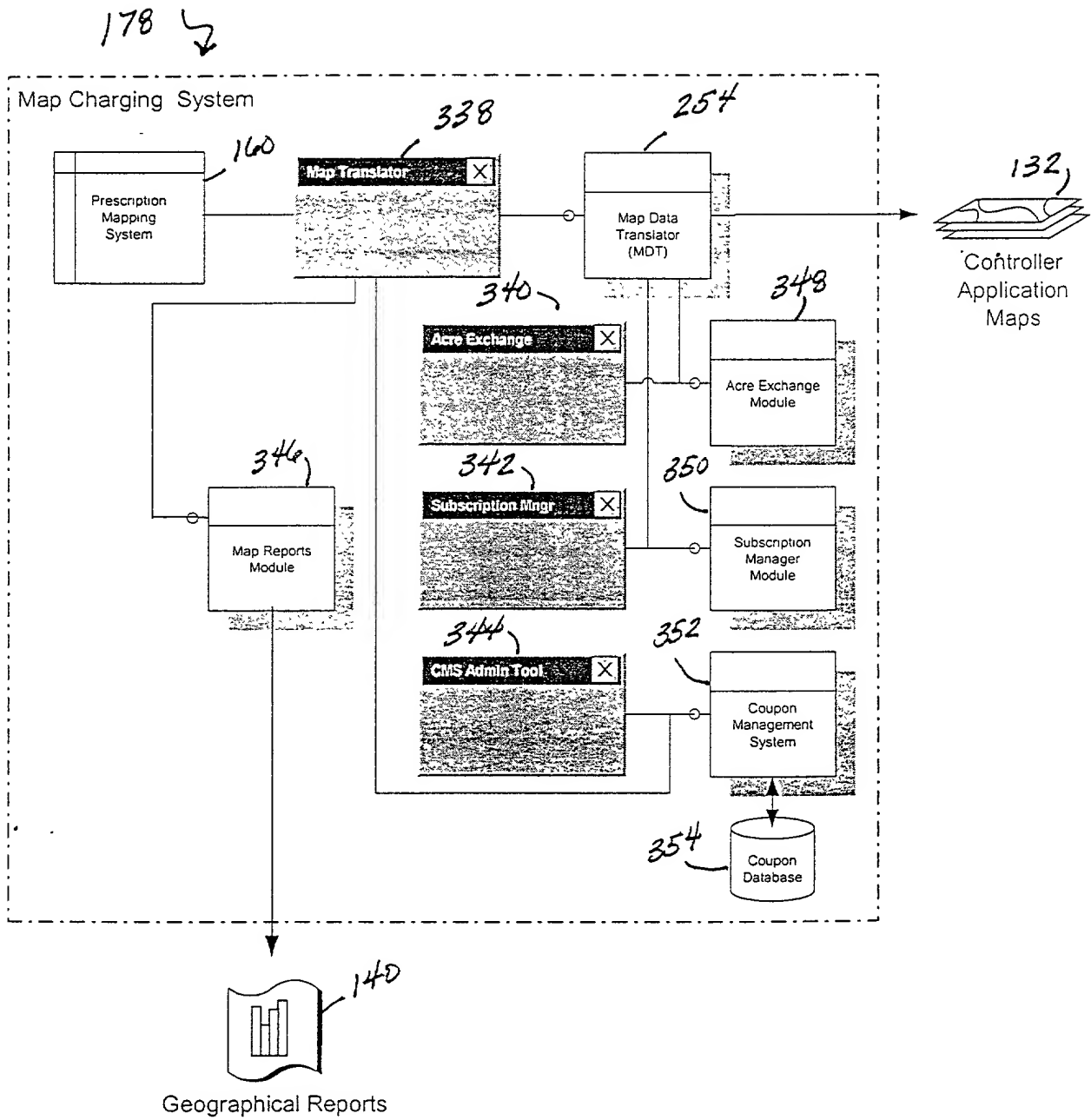


FIG 16

218

Prescription Lab

New Tab

Make All Demo Maps

Demo 1

Demo 2

Demo 3

REM Script:

TestPattern1.xml

Inputs

Crop

YieldGoal

NTest

PTest

KTest

Recommendations

LIME

NRec

PRec

KRec

SRec

Products

LIME

DAP

SULFOMAG

LIME STI

DAP STI

SULFOMAG STI

Map Filename:

Make Demo Maps

Make Controller Maps

Shared Data

Equations

Products

Vehicle

Inputs

Make Status

356

358

360

362

364

366

368

370

372

374

376

378

380

382

Crop

YieldGoal

NTest

PTest

KTest

Variable Name:

Crop

Category:

Crop

Modeler:

Shapefile Modeler

File Name:

CROP.SHP

Attribute:

Crop

... and conformation parameters

FIG 17

262 ↓

384

Shared Data Equations Products Vehicle Inputs Make Status

Equations

- USDA - ARS
- University of MN Ext
 - TriState
 - K in Soybeans
 - P in Soybeans
 - N in Soybeans
 - K in Corn
 - P in Corn

Select>>> 386

<<<Unselect 388

Details... 390

Add 394

N in Soybeans (TriState) 392

TriState:P in Soybeans

TriState:K in Soybeans

FIG 18

396 ↓

TriState: N in Soybeans

Input Name	Type	Unit	Description
OM	Soil Sample	ppm	Organic Matter

```

pif ( om >= 0 and om < 2 ) then
  apply ( 2 );
elseif ( om >= 2 and om < 7.2 ) then
  apply ( om * 0.333 + 1.333 );
else
  apply ( 3.75 );
endif
  
```

Output: Nitrogen Output Unit: Pounds per acre

Description: Do not use this for Tundra. Instead, you should use

OK

FIG 19

20250909 09:54:28

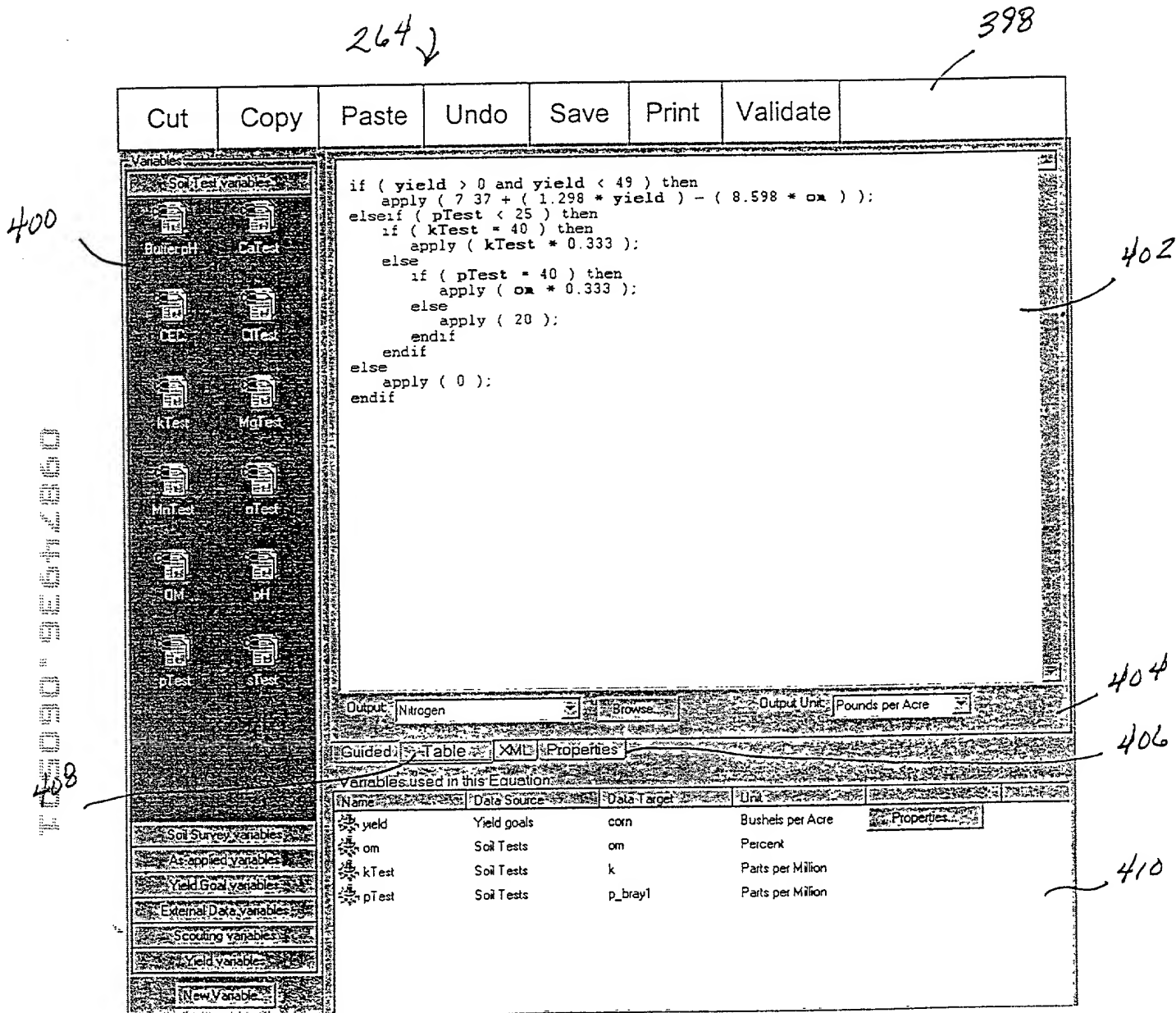
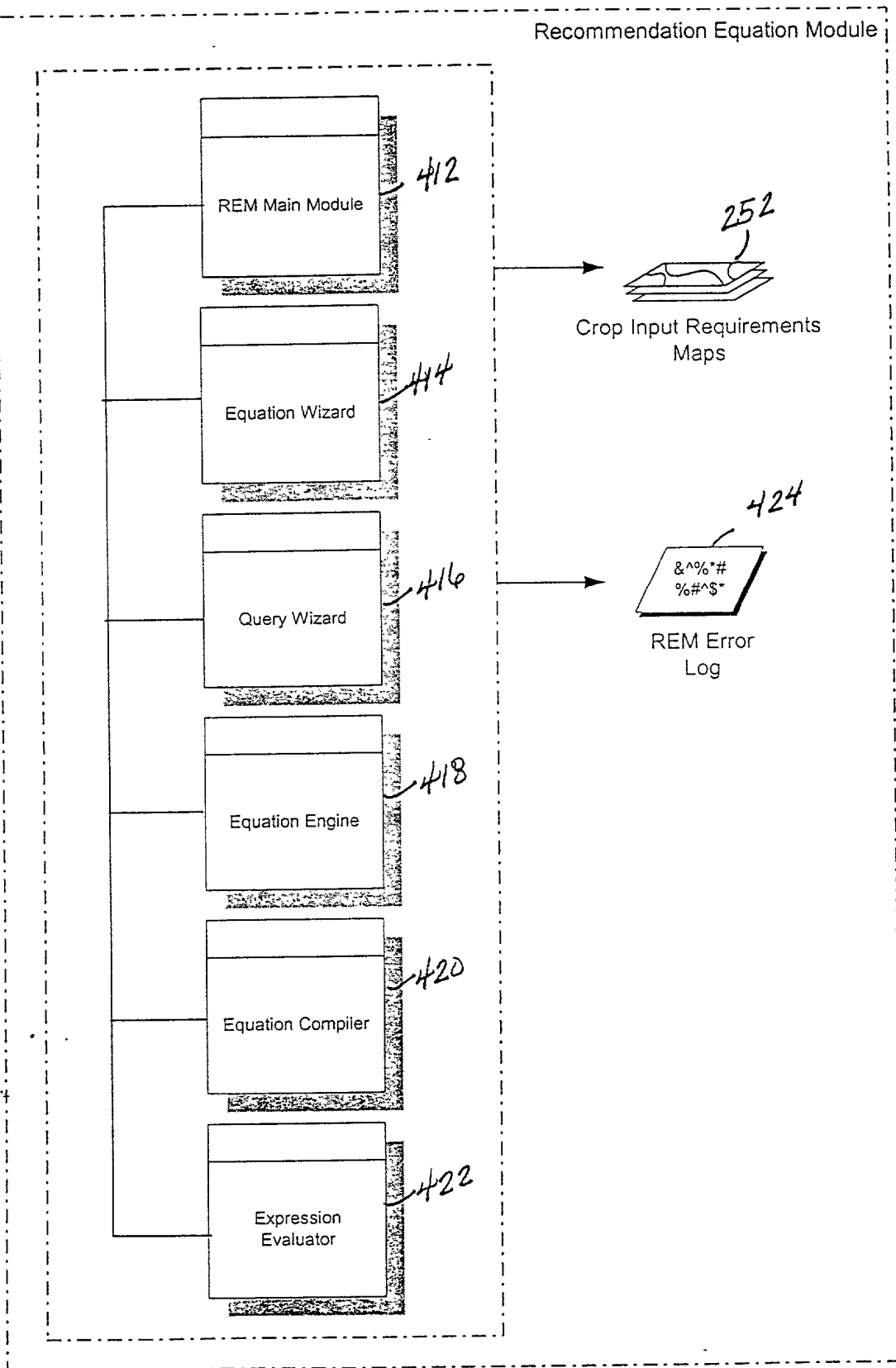


FIG 20

Recommendation Equation Module



244
S

FIG 21

09874930 92642860

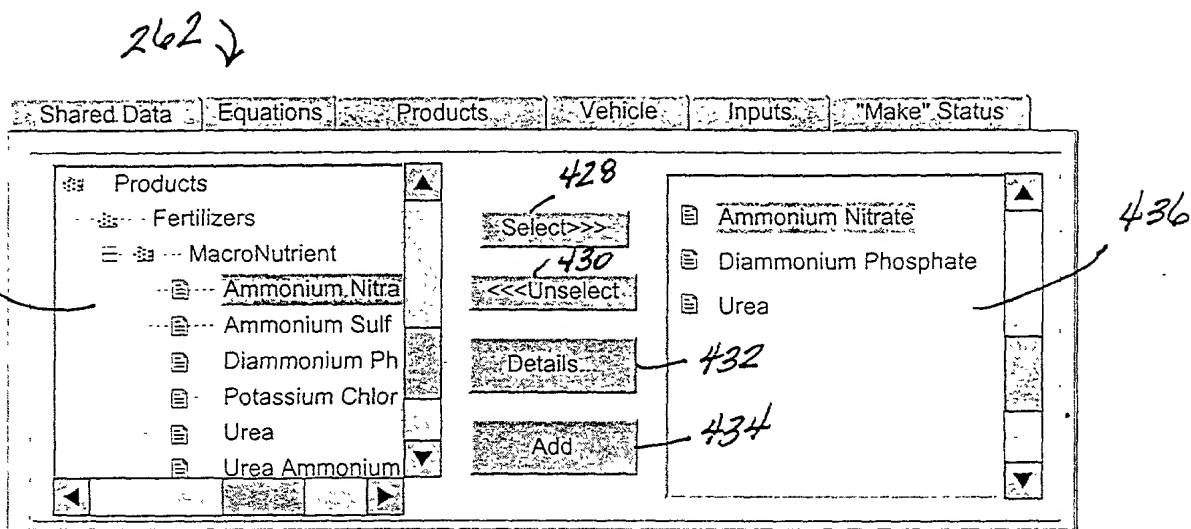


FIG 22

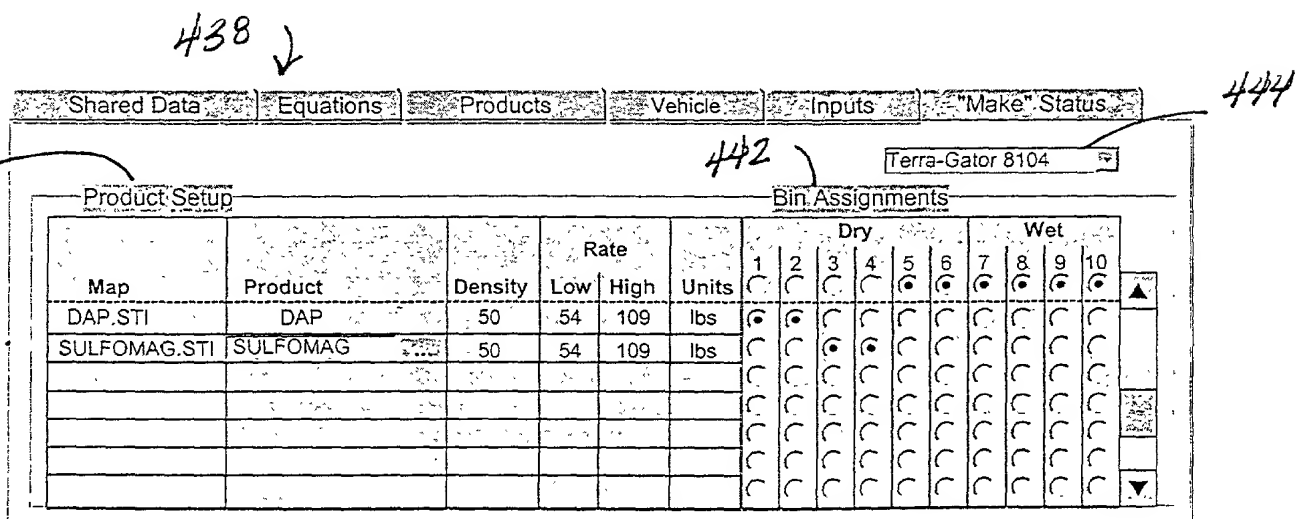


FIG 23

FIG. 24

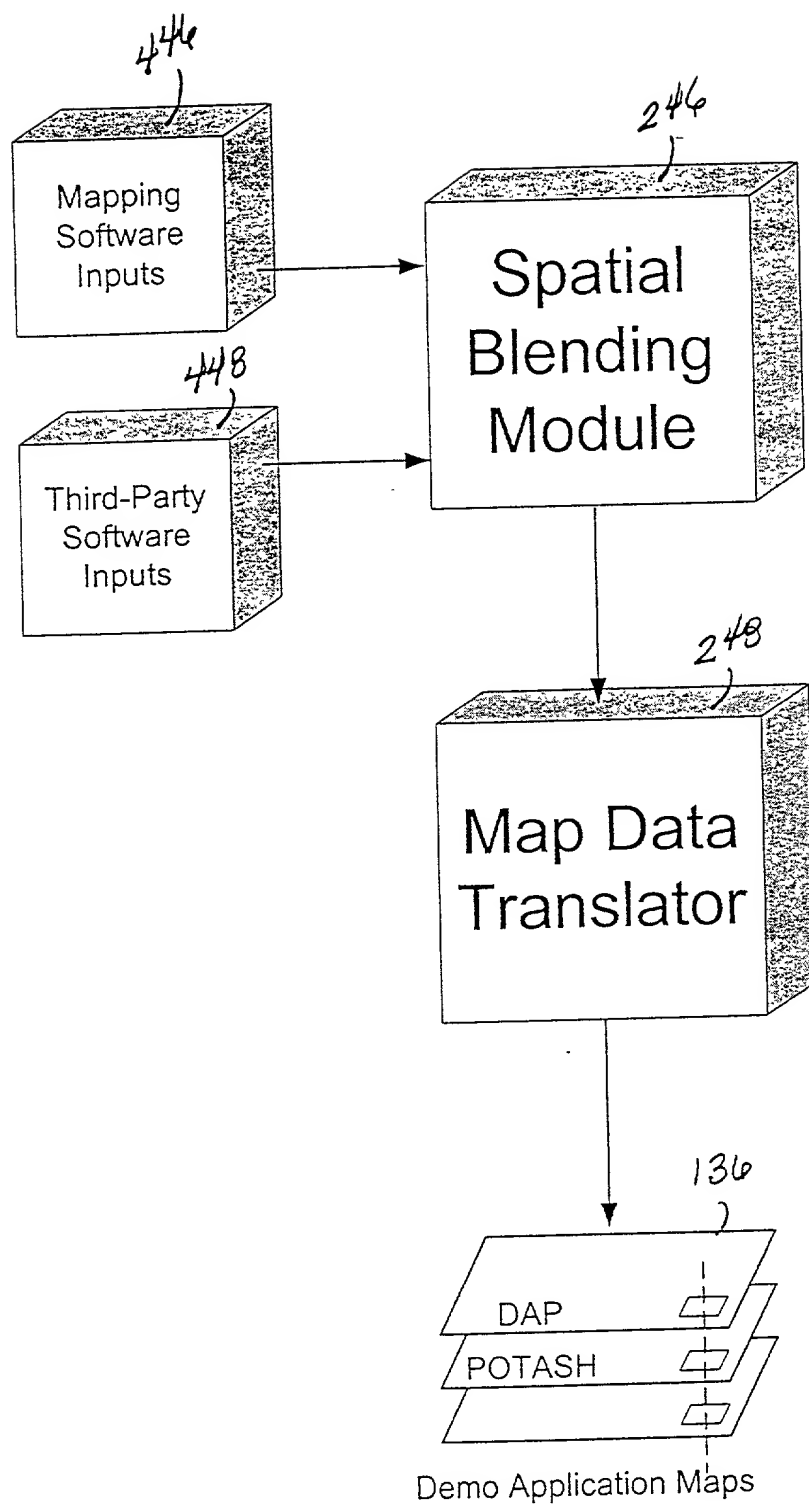


FIG 24

```

graph LR
    subgraph Mapping_Software_Inputs [Mapping Software Inputs]
        244[Recommendation Equation Module] --> 126[Product Information]
        242[PROX] --> 128[Vehicle Data]
        246[Vehicle Manager] --> 130[User Preferences]
    end

    126 --> 450
    128 --> 450
    130 --> 450

    subgraph Spatial_Blending_Module [Spatial Blending Module]
        450[SBM Main Module] <--> 451[Spatial Blending Engine]
        451 --> 452[SBM Error Log]
        452 --> 248[Map Data Translator MDT]
        248 --> 450
    end

```

FIG 25

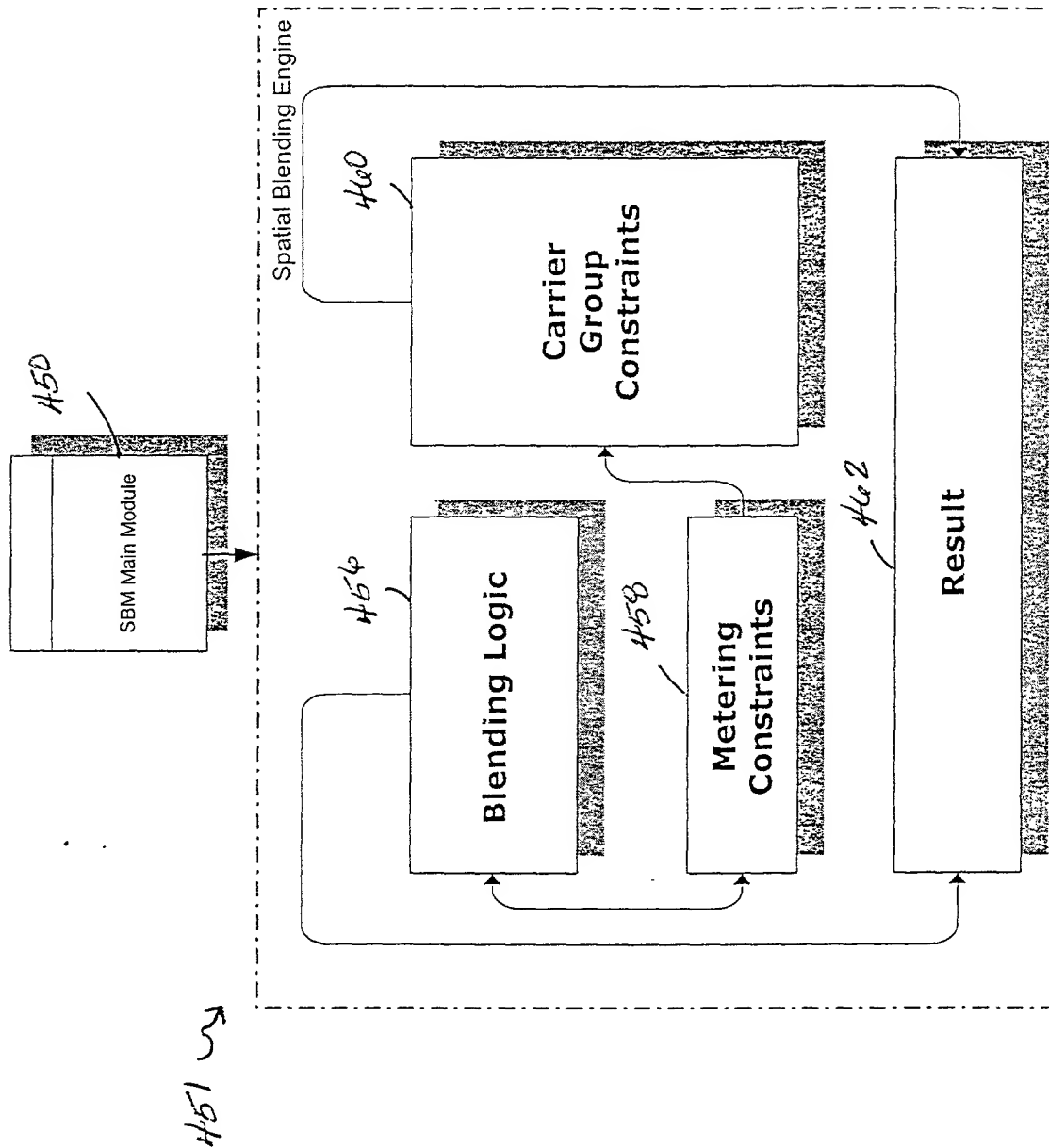


FIG 26

FIG. 26

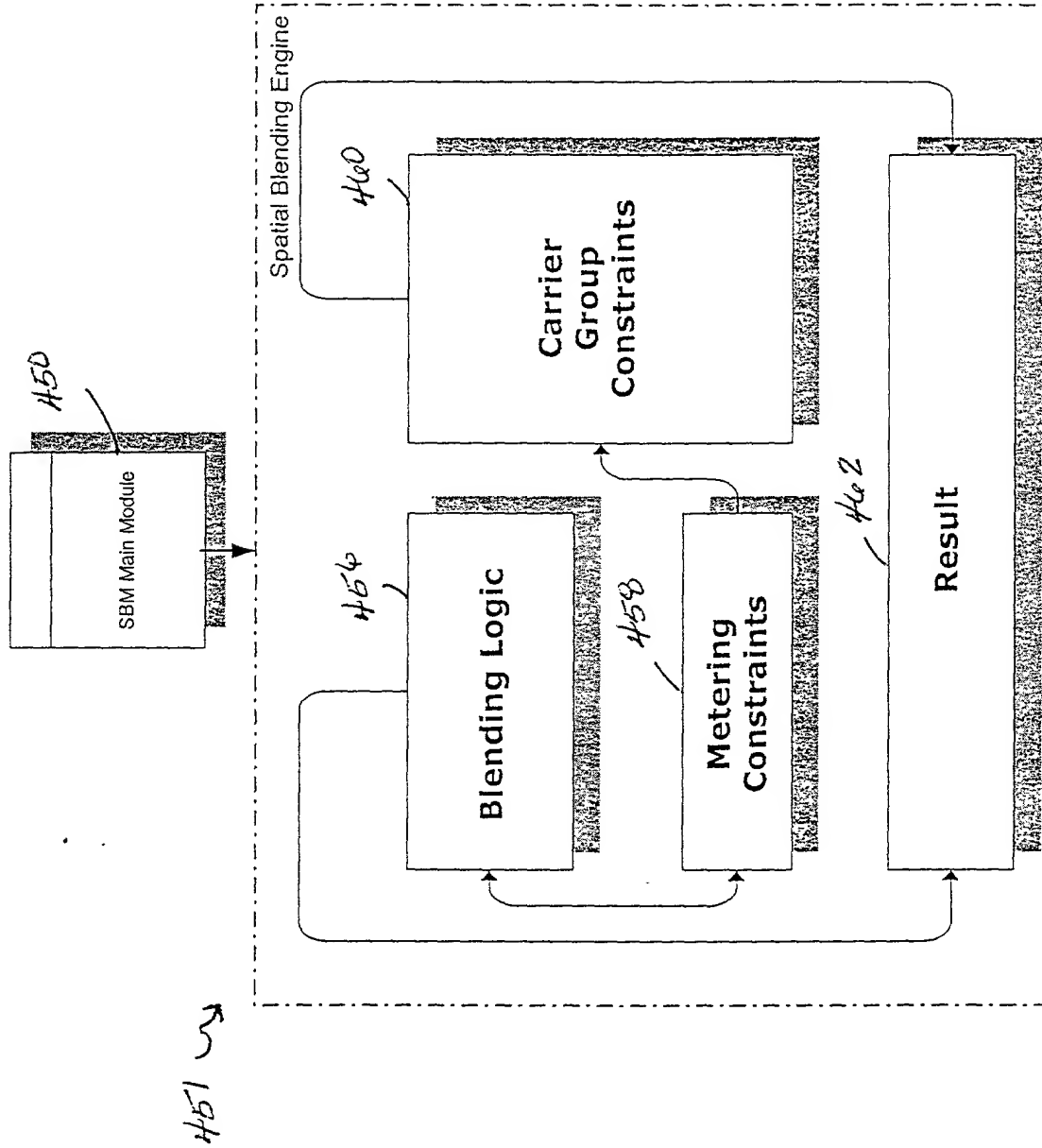


FIG 26

105090-9E642860

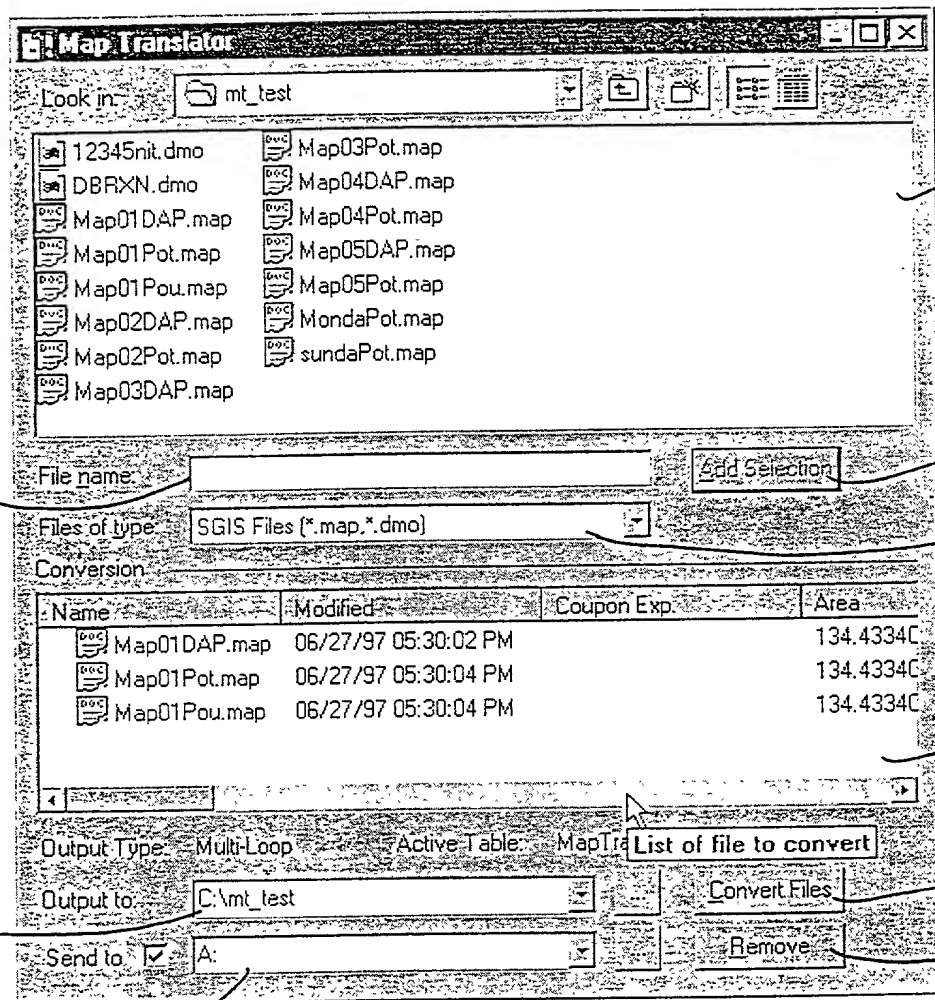


FIG 27

09874936-0604
T05090-9E642860

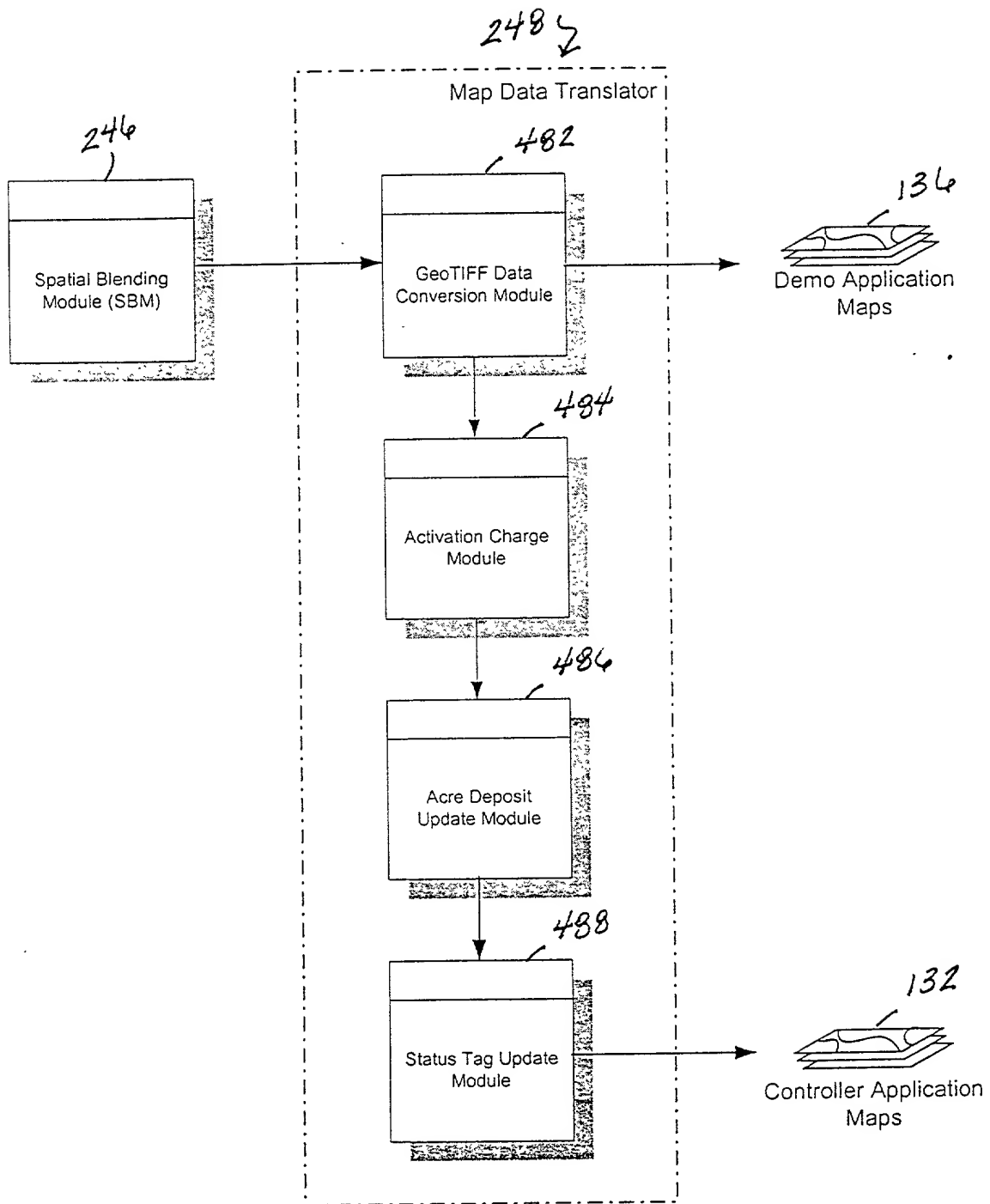


FIG 28